

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1. (Currently Amended) An interface adapter for inserting an external digital subscriber line filter into a telephone network, the interface adapter comprising:

a housing that defines an interior region of the adaptor and an exterior region;

a plurality of electrical conductors extending into the interior region of the adaptor, the electrical conductors capable of connection to ~~an~~ the ~~external electrical~~ filter wherein the ~~electrical~~ filter produces distinct electrical signals from a combined signal of a the network and wherein the filter is external to the interface adapter;

a plug connector coupled to a first subset of the electrical conductors, the first subset capable of connection to the network, the plug connector located in the exterior region;

a receptacle connector coupled to a second subset of the electrical conductors, the second subset suitable for carrying a first distinct electrical signal, the receptacle connector being accessible from the exterior region to receive a compatible plug connector;

an electrical port coupled to a third subset of electrical conductors, the third subset suitable for carrying a second distinct electrical signal;

wherein the first, second and third subset of electrical conductors extend outside the housing to the filter and are without a direct connection to one other.

2. (Cancelled)

3. (Original) The adapter of claim 1, wherein the housing includes a plug face, and the first subset of electrical conductors extends through the plug face between the interior region of the adapter and the plug connector.

4. (Original) The adapter of claim 1, wherein the housing includes a receptacle face, the receptacle connector is disposed on the receptacle face, and the second subset of electrical conductors extends through the interior region of the adapter to the receptacle connector.

5. (Original) The adapter of claim 4, wherein the housing includes a plug face, and the first subset of electrical conductors extends through the plug face between the interior region of the adapter and the plug connector.

6. (Cancelled)

7. (Previously Presented) The adapter of claim 5, wherein the housing includes a terminal face, and the electrical port is disposed on the terminal face such that the electrical port is accessible from the exterior region.

8. (Currently Amended) The adapter of claim 7, wherein ~~the~~ an entrance face for the plurality of electrical conductors is opposite the terminal face, the plug face is opposite the receptacle face, and the entrance face extends between the plug face and the receptacle face.

9. (Cancelled)

10. (Cancelled)

11. (Cancelled)

12. (Cancelled)

13. (Cancelled)

14. (Cancelled)

15. (Cancelled)

16. (Cancelled)

17. (Currently Amended) The interface adapter of claim 1, wherein the plug connector and the receptacle connector are selected to be compatible with an in-line insertion of the interface adapter into a the network.
18. (Cancelled)
19. (Cancelled)
20. (Currently Amended) The interface adapter of claim 1, wherein the plug connector interfaces to a telephone network, the ~~external electrical~~ filter is an asymmetrical digital subscriber line filter, the first distinct electrical signal is a voice signal and the second distinct electrical signal is a data signal.
21. (Withdrawn) A method for installing a network interface adapter, comprising:
providing an interface adapter, comprising:
a housing that defines an interior region of the adaptor and an exterior region;
a plurality of electrical conductors extending into the interior region of the adaptor, the electrical conductors capable of connection to an external electrical filter wherein the electrical filter produces distinct electrical signals from a composite signal of a network;
a plug connector coupled to a first subset of the electrical conductors, the first subset capable of connection to the network, the plug connector located in the exterior region;
a receptacle connector coupled to a second subset of the electrical conductors, the second subset suitable for carrying a first distinct electrical signal, the receptacle connector being accessible from the exterior region to receive a compatible plug connector;

an electrical port coupled to a third subset of electrical conductors, the third subset suitable for carrying a second distinct electrical signal;

wherein the first, second and third subset of electrical conductors are without a direct connection to one other;

inserting the plug connector into a compatible receptacle connector;

inserting a compatible plug connector into the receptacle connector;

electrically coupling the plurality of electrical conductors to the external electrical filter.

22. (Withdrawn) The method of claim 21 further comprising :

coupling a subscriber line to the electrical port.

23. (Withdrawn) The adaptor of claim 21, wherein the electrical port comprises lugs.

24. (Withdrawn) The method of claim 21, wherein the external electrical filter is an asymmetrical digital subscriber line filter.